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PTO/SB/08A (10-01)

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| Substitute for form 1449A/PTO | | | | Application Number | 09/751,456 | | |
| | | | | Filing Date | December 29, 2000 | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | RE | First Named Inventor | Gopal N. Iyer | | |
| | | | NT | Art Unit | 2681 | | |
| (use | as many she | ets as necessa | ry) | Examiner Name | | | |
| Sheet | 1 | of | ī | Attorney Docket Number | 00349 | | |

| Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | |
|--------------------------------|--|---|--|---|--|
| Examiner Cite Initials* No. | Number - Kind Code ² (if known) | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | |
| | 5,220,675 | 06-15-1993 | Padawer et al. | | |
| | 6,311,320 | 10-30-2001 | Jibbe | | |
| | 6,658,646 | 12-02-2003 | Hernandez, III | | |
| | | | | | |
| <u> </u> | <u></u> | | | | |
| | Cite No. ¹ | Number - Kind Code ² (if known) 5,220,675 6,311,320 | Number - Kind Code ² (if known) MM-DD-YYYY 5,220,675 06-15-1993 6,311,320 10-30-2001 | Number - Kind Code ² (if known) MM-DD-YYYY Applicant of Cited Document | |

| | | FOREIGN F | PATENT DOC | UMENTS | | |
|-----------------------|--------------|--|--------------------------------|---|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Te |
| | | | | | | |

| | 0 | THER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | |
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| Examiner Date 11.11.04 | |
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| Signature Considered / / / | |

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|-----------------------------------|------------------------|----------------------|-----------|
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| INFORMATION-DISCLOSURE | First Named Inventor | lyer | VED |
| STATEMENT BY APPLICANT | Art Unit | 2681 | |
| | Examiner Name | JAN 0 6 P | 2004 |
| (use as many sheets as necessary) | | Tools at a S | |
| Sheet 1 of 2 | Attorney Docket Number | 00349 Technology Cer | nter 2600 |

| | | U. | S. PATENT DO | CUMENTS | | |
|---------------|------|--|------------------|-----------------------------|-----------------------------|--|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, When | |
| Initials* No. | No.' | Number - Kind Code ² (if known) | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Releva | |
| 5.5. | | 5,713,075 | 01-27-1998 | Threadgill et al. | | |
| j. | | 5,913,160 | 06-15-1999 | Leung | | |
| | | 5,920,284 | 07-06-1999 | Victor | | |
| | | 5,969,669 | 10-19-1999 | Ishikawa et al. | | |
| | | 6,014,374 | 01-11-2000 | Paneth et al. | | |
| | | 6,085,084 | 07-04-2000 | Christmas | | |
| | | 6,128,483 | 10-03-2000 | Doiron et al. | | |
| | | 6,185,409 | 02-06-2001 | Threadgill et al. | | |
| | | 6,233,447 B1 | 05-15-2001 | Tomoike | | |
| | | 6,272,341 | 08-07-2001 | Threadgill et al. | | |
| | | 6,332,069 B1 | 12-18-2001 | Zhao et al. | | |
| | | 6,352,222 B1 | 03-05-2002 | Maeda et al. | | |
| | | 6,445,916 B1 | 09-03-2002 | Rahman | | |
| | | 6,453,329 B1 | 09-17-2002 | Dodgen | | |
| | 1 | 6,456,843 B1 | 09-24-2002 | Daly | | |
| V | | 6,636,721 | 10-21-2003 | Threadgill et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------|---|--------------------------------|-----------------------------|--|----|--|--|
| | I | Foreign Patent Document | | Name of Patentee or | Pages, Columns, Lines, | | | |
| Examiner Initials* | Cite No.1 | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | T⁰ | | |
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| Examiner Date | 1. 15 01. |
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| Signature Considered | 1 112 17201 |

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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/751,456 Filing Date December 29 INFORMATION DISCLOSURE First Named Inventor lyer STATEMENT BY APPLICANT Art Unit 2681 **Examiner Name** (use as many sheets as necessary) Technology Center 2600 Attorney Docket Number 00349 Sheet of 2

| | NON PATENT LITERATURE DOCUMENTS | | | | | |
|-----------------------|---------------------------------|--|----------------|--|--|--|
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| Examiner | Date |
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| Signature | Considered |

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| INFO | INFORMATION DISCLOSURE———— STATEMENT BY APPLICANT | | | -First-Named Inventor | Gopal N. Iyer |
| STA | | | | Art Unit | 2681 |
| | | | | Examiner Name | |
| (use | as many sheets as | necesso | ary) | | _ |
| Sheet | 1 | of | 1 | Attorney Docket Number | 00349 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | | FOREIGN F | PATENT DOC | UMENTS | | , |
|-----------------------|--------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Т ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | |
|---|--------------|--|----|--|
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| 55 | | "Corsair Communications Stops One Millio mbat \$1.3 Million per Day Fraud Problem," March 27, 1995, accessed at http://is.gseis.edu/impact/w95/RN/mar31news/Merc-news-corsair.html | | |

| Examiner | | Date // () | 1 |
|-----------|---------|------------------------|---|
| Signature | 3: 2-1) | Considered 1 1 1 1 - 0 | 1 |

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